

**INFORMATION RECORDING MEDIUM AND DEVICE FOR RECORDING  
AND REPRODUCING INFORMATION TO AND FROM INFORMATION  
RECORDING MEDIUM**

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**Abstract**

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**PROBLEM TO BE SOLVED:** To solve such problems in conventional DVD-RAM that the time map information in video object management information is recorded in the form organized to one within a management information file, but when the capacity of the DVD-RAM increases, the size of the management information file including the time map information to be read at a time becomes so large as to eventually required memory capacity of a large size for the device and in addition, and that the dealing is difficult when a plurality of video elementary streams are included in the video objects.

**SOLUTION:** The time map information is formed for every PID in digital broadcasting and this time map information is recorded as a plurality of files/ tables. Further, the information indicating the blocks of the time map information of the streams corresponding to the respective PIDs is recorded within the video objects.

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